

Cofa

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|   |                        |  |
|---|------------------------|--|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/676,169 (Patent No. 7,087,535)          |
|   | Filing Date            | September 30, 2003 (issued August 8, 2006) |
|   | First Named Inventor   | Garo J. Derderian et al.                   |
|   | Art Unit               | 1762                                       |
|   | Examiner Name          | Bret P. Chen                               |
| Total Number of Pages in This Submission  | Attorney Docket Number | MI22-2373                                  |

| ENCLOSURES (Check all that apply)  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify<br>below):<br>PTO Return Receipt Postcard<br>Request for Certificate of Correction<br>Certificate of Correction in duplicate<br>Copy of initialed Form PTO-1449 |
| <b>Remarks</b><br><br>Customer No. 021567  |  |   |

**Certificate**

APR 11 2007

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                     |                 |
|--|---------------------|-----------------|
| Firm Name                                  | Wells St. John P.S. |                 |
| Signature                                  |                     |                 |
| Printed name                               | James E. Lake       |                 |
| Date                                       | 06 Apr 2007         | Reg. No. 44,854 |

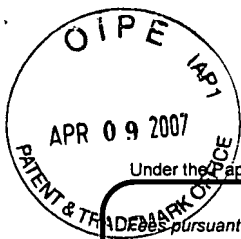
**of Correction**

| CERTIFICATE OF TRANSMISSION/MAILING   |                  |             |
|---|------------------|-------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |                  |             |
| Signature   |                  |             |
| Typed or printed name   | Raquel M. Esplin | Date 4/6/07 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|   |  |                          |                                |
|---|--|--------------------------|--------------------------------|
| <b>Effective on 12/08/2004.</b><br>Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). |  | <b>Complete if Known</b> |                                |
| <b>FEE TRANSMITTAL</b><br><b>For FY 2007</b>  |  | Application Number       | 10/676,169 (Pat No. 7,087,535) |
|   |  | Filing Date              | Sept. 30, 2003 (issued 8/8/06) |
|   |  | First Named Inventor     | Garo J. Derderian et al.       |
|   |  | Examiner Name            | Bret P. Chen                   |
|   |  | Art Unit                 | 1762                           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                        |  | Attorney Docket No.      | MI22-2373                      |
| <b>TOTAL AMOUNT OF PAYMENT</b>  |  | (\$)                     | 100.00                         |

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   | 0              |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    | 0              |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    | 0              |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   | 0              |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     | 0              |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                    |
| Each independent claim over 3 (including Reissues) | 200      | 100                   |
| Multiple dependent claims                          | 360      | 180                   |

**Total Claims** - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = 0  
HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims** - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = 0  
HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| _____        | _____        | _____  | _____    | 0             |

**4. OTHER FEE(S)**

|   | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount)   | 0              |
| Other (e.g., late filing surcharge): Request for Certificate of Correction - Applicant and PTO Mistakes | 100            |

|                     |               |  |
|---------------------|---------------|--|
| <b>SUBMITTED BY</b> |               |  |
| Signature           |               | Registration No. (Attorney/Agent) 44,854 |
| Name (Print/Type)   | James E. Lake | Telephone (509) 624-4276                 |
|                     |               | Date 06 Apr 2007                         |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 11 2007



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. .... 7,087,535 B2  
Patent Issue Date ..... August 8, 2006  
Application Serial No. .... 10/676,169  
Filing Date ..... September 30, 2003  
Assignee ..... Micron Technology, Inc.  
Inventorship ..... Garo J. Derderian et al.  
Attorney's Docket No. .... MI22-2373  
Title: ..... Deposition Methods

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR  
APPLICANT MISTAKES and PTO MISTAKES (37 C.F.R. §§ 1.322(a) and 1.323)**

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Decision and Certificate of Correction  
Branch of the Patent Issue Division

From: James E. Lake (Tel. 509-624-4276; Fax 509-838-3424)  
Wells St. John P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828

04/09/2007 WASHFAC 00000000 7087535  
01 FC:1811 100.00 OP

Sir:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 7,087,535 B2, granted August 8, 2006, in accordance with the Certificate of Correction form attached hereto in duplicate.

It is noted that errors appear in this patent of a typographical nature of character, as more fully described below. The errors occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination.

Other errors listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files

APR 11 2007

in the Office, in particular, Applicant's Form PTO-1449 filed September 30, 2003 (initialed copy attached).

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

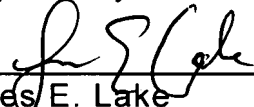
The exact page and line number where the errors occur in the application file are:

Page 14, line 12 in the specification/Column 6, line 49 of the issued patent; and

Page 17, line 15 in the specification/Column 7, line 64 of the issued patent.

Enclosed is a check in the amount of \$100.00, as required by 37 CFR 1.20(a).

Dated: 06 Apr 2007

Respectfully submitted,  
By:   
James E. Lake  
Reg. No. 44,854

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,087,535 B2

APPLICATION NO.: 10/676,169

DATED : August 8, 2006

INVENTOR(S) : Garo J. Derderian et al.

It is certified that an error or errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, References Cited, FOREIGN PATENT DOCUMENTS,  
Replace "EP 0794588 10/1997"  
With --EP 0794568 10/1997--

Page 2, OTHER PUBLICATIONS, please delete:  
"U.S. Appl. No. 09/843,004, filed Aug. 2000, Mercaldi"

Column 6, line 49  
Replace "chlorosilanes (SiHCl<sub>3</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, and SiH<sub>3</sub>Cl) and methysi"  
With --chlorosilanes (SiHCl<sub>3</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, and SiH<sub>3</sub>Cl) and methylsi--

Column 7, line 64  
Replace "conductive material 38 may comprise a storage node within"  
With --conductive material 38 which may comprise a storage node within--

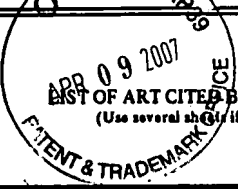
Column 8, claim 8, line 49  
Replace "The deposition method of claim is 1, further comprising"  
With --The deposition method of claim 1, further comprising--

Page  
1 of 1

**Mailing Address of Sender:**

James E. Lake  
Wells St. John P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

Patent No. US 7,087,535 B2

| Form PTO-1449   |    |   |                   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                         | ATTY. DOCKET NO.<br>M122-2373              |                            | PRIORITY SERIAL NO.<br>10/261,735 |  |
|---|----|---|-------------------|--|-------------------------|--|----------------------------|-----------------------------------|--|
| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)   |    |   |                   |  |                         | APPLICANT<br>Garo J. Dorderian             |                            |                                   |  |
|   |    |   |                   |  |                         | PRIORITY FILING DATE<br>September 30, 2002 |                            | PRIORITY GROUP<br>1762            |  |
| U.S. PATENT DOCUMENTS   |    |   |                   |  |                         |  |                            |                                   |  |
| *Examiner Initial   |    | Document Number   | Date              | Name   | Class                   | Subclass                                   | Filing Date If Appropriate |                                   |  |
| 7   | AA | 5,270,247   | 12/1993           | Sakuma et al   | —                       | —  |                            |                                   |  |
| 7   | AB | 6,270,572   | 08/2001           | Kim et al  | —                       | —  |                            |                                   |  |
| 7   | AC | 6,083,832   | 07/2000           | Sugai  | —                       | —  |                            |                                   |  |
| 7   | AD | 4,369,105   | 01/1983           | Caldwell et al   | —                       | —  |                            |                                   |  |
| 7   | AE | 4,831,003   | 05/1989           | Lang et al   | —                       | —  |                            |                                   |  |
| 7   | AF | 6,287,965   | 09/2001           | Kang et al   | —                       | —  |                            |                                   |  |
| 7   | AG | 5,480,618   | 01/1996           | Matsumoto et al  | —                       | —  |                            |                                   |  |
| 7   | AH | 6,203,613   | 03/2001           | Gates et al  | —                       | —  |                            |                                   |  |
| 7   | AI | 6,174,377   | 01/2001           | Doering et al  | —                       | —  |                            |                                   |  |
| 7   | AJ | 5,918,365   | 06/1999           | Sherman  | —                       | —  |                            |                                   |  |
| 7   | AK | 6,335,561   | 1/2002<br>03/2000 | Sendhu Imoto   | —                       | —  |                            |                                   |  |
|   | AL |   |                   |  |                         |  |                            |                                   |  |
| FOREIGN PATENT DOCUMENTS  |    |   |                   |  |                         |  |                            |                                   |  |
|   |    | Document Number   | Date              | Country  | Class                   | Subclass                                   | Translation                |                                   |  |
|   |    |   |                   |  |                         |  | Yes                        | No                                |  |
| 7   | AM | EP 0794568  | 10/1997           | Europe   | —                       | —  |                            |                                   |  |
| 7   | AN | 05-251339   | 09/1993           | Japan  | —                       | —  |                            |                                   |  |
|   | AO |   |                   |  |                         |  |                            |                                   |  |
|   | AP |   |                   |  |                         |  |                            |                                   |  |
|   | AQ |   |                   |  |                         |  |                            |                                   |  |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)   |    |   |                   |  |                         |  |                            |                                   |  |
| 7   | AR | Kiyoko et al., Patent Abstract Application No. 04-024917 (JP 9224917, 09/1993), "Semiconductor Substrate and its Manufacture."                  |                   |  |                         |  |                            |                                   |  |
| 7   | AS | Ritala, et al., "Atomic Layer Epitaxy - A Valuable Tool for Nanotechnology?" Nanotechnology, Vol. 10, No. 1, pps. 19-24, March 1999.            |                   |  |                         |  |                            |                                   |  |
| 7   | AT | George, et al., "Surface Chemistry for Atomic Layer Growth", Journal of Physical Chemistry, Vol. 100, No. 31, pps. 13121-13131, August 1, 1998. |                   |  |                         |  |                            |                                   |  |
| 7   | AU | Suntola, "Atomic Layer Epitaxy", Handbook of Crystal Growth, Vol. 3, Chapter 14, pps. 602-663.  |                   |  |                         |  |                            |                                   |  |
| 7   | AV | Vernon, S.M., "Low-cost, high-efficiency solar cells utilizing GaAs-on-Si technology." Dialog Abstract of Report No. NREL/TP-451-5353; 04/1993. |                   |  |                         |  |                            |                                   |  |
| EXAMINER  |    | Michael Barr  |                   |  | DATE CONSIDERED 2/19/04 |  |                            |                                   |  |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |                   |  |                         |  |                            |                                   |  |

|   |    |  |      |  |                 |                                   |                            |
|---|----|--|------|--|-----------------|-----------------------------------|----------------------------|
| Form PTO-1449   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |      | ATTY. DOCKET NO.<br>MI22-2373              |                 | PRIORITY SERIAL NO.<br>10/251,735 |                            |
| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)   |    |  |      | APPLICANT<br>Gero J. Dardarian             |                 |                                   |                            |
|   |    |  |      | PRIORITY FILING DATE<br>September 30, 2002 |                 | PRIORITY GROUP<br>1762            |                            |
| U.S. PATENT DOCUMENTS   |    |  |      |  |                 |                                   |                            |
| *Examiner Initial   |    | Document Number  | Date | Name                                       | Class           | Subclass                          | Filing Date If Appropriate |
| 7   | AA | 09/852,533   |      | Sandhu                                     | —               | —                                 | 08/2000                    |
| 7   | AB | 09/643,004   |      | Mercaldi                                   | —               | —                                 | 08/2000                    |
| 7   | AC | 09/927,230   |      | Doan                                       | —               | —                                 | 08/2001                    |
|   | AD |  |      |  |                 |                                   |                            |
|   | AE |  |      |  |                 |                                   |                            |
|   | AF |  |      |  |                 |                                   |                            |
|   | AG |  |      |  |                 |                                   |                            |
|   | AH |  |      |  |                 |                                   |                            |
|   | AI |  |      |  |                 |                                   |                            |
|   | AJ |  |      |  |                 |                                   |                            |
|   | AK |  |      |  |                 |                                   |                            |
|   | AL |  |      |  |                 |                                   |                            |
| FOREIGN PATENT DOCUMENTS  |    |  |      |  |                 |                                   |                            |
|   |    | Document Number  | Date | Country                                    | Class           | Subclass                          | Translation                |
|   |    |  |      |  |                 |                                   | Yes    No                  |
|   | AM |  |      |  |                 |                                   |                            |
|   | AN |  |      |  |                 |                                   |                            |
|   | AO |  |      |  |                 |                                   |                            |
|   | AP |  |      |  |                 |                                   |                            |
|   | AQ |  |      |  |                 |                                   |                            |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)   |    |  |      |  |                 |                                   |                            |
|   | AR |  |      |  |                 |                                   |                            |
|   | AS |  |      |  |                 |                                   |                            |
|   | AT |  |      |  |                 |                                   |                            |
| EXAMINER  |    | <i>Michael Barr</i>  |      |  | DATE CONSIDERED |                                   |                            |
|   |    |  |      |  | <i>2/19/04</i>  |                                   |                            |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |      |  |                 |                                   |                            |